

A PROCESS FOR MAKING CELLULAR COMPOSITES
USING POLYMERIC ISOCYANATES AS BINDERS
FOR HOLLOW FILLER PARTICLES

ABSTRACT OF THE DISCLOSURE

The present invention relates to a process for the production of a cellular composite, and to the resultant cellular composites. This process comprising (A) preparing a mixture of a polyisocyanate, water, and, optionally, one or more additives; (B) adding this mixture under low shear mixing to inorganic hollow microspheres; (C) completely filling a mold with the mixture; and (D) heating the mold containing the mixture to a temperature of from 100 to 280°C, thereby forming the composite.